

CLAIM AMENDMENTS

1 -- 5. (canceled)

1 6. (currently amended) A cutting-tool assembly
2 comprising:

3 a rotatable tool holder centered on and rotatable about a
4 holder axis and formed with [[an]] a radially outwardly open seat
5 having [[an]] a radially outwardly directed floor;

6 a cartridge engaged and substantially only radially
7 movable in the seat, carrying a cutting insert, and formed with
8 [[an]] a radially inwardly open groove defining a groove axis at
9 least generally parallel to the holder axis and having a surface
10 radially confronting and extending at a small acute angle to the
11 seat floor;

12 an adjustment wedge substantially only axially shiftable
13 in the groove, having a formation extending transversely of the
14 groove axis, and bearing radially outward on the groove surface and
15 radially inward on the seat floor, whereby axial shifting of the
16 adjustment wedge radially shifts the cartridge in the groove; and

17 means including an eccentric pin set in the cartridge and
18 engaging the formation of the adjustment wedge for axially shifting
19 the adjustment wedge in the groove and thereby radially displacing
20 the cartridge in the seat on rotation of the pin.

1 7. (previously presented) The cutting-tool assembly
2 defined in claim 6 wherein the cartridge is formed with a radially
3 extending bore opening into the seat and in which the pin is seated
4 and rotatable.

1 8. (currently amended) ~~The cutting-tool assembly defined~~
2 ~~in claim 7 wherein~~ A cutting-tool assembly comprising:

3 a rotatable tool holder formed with an outwardly open
4 seat having an outwardly directed floor;

5 a cartridge engaged in the seat, carrying a cutting
6 insert, and formed with

7 an inwardly open groove defining a groove axis
8 and having a surface confronting and
9 extending at a small acute angle to the
10 seat floor and with

11 a radially extending bore opening into the
12 seat;

13 an adjustment wedge axially shiftable in the groove,
14 having a formation extending transversely of the axis, and bearing
15 radially outward on the groove surface and radially inward on the
16 seat floor, whereby axial shifting of the adjustment wedge radially
17 shifts the cartridge in the groove;

18 means including an eccentric pin seated and rotatable in
19 the bore and engaging the formation of the adjustment wedge for
20 axially shifting the adjustment wedge in the groove and thereby
21 radially displacing the cartridge in the seat on rotation of the

22 pin, the bore ~~[[has]]~~ having a depth such that the pin in an inner
23 position is wholly received in the bore and does not project from
24 the bore into the groove ~~, the assembly further comprising ; and~~
25 a retaining element removably received in the cartridge
26 and projecting radially into the bore at a location impeding
27 movement of the pin into the inner position.

1 9. (previously presented) The cutting-tool assembly
2 defined in claim 6 wherein the formation is a transverse groove in
3 the adjustment wedge and the eccentric pin has a cylindrical end
4 extension engaged in the transverse groove.

1 10. (currently amended) The cutting-tool assembly
2 defined in claim 1 wherein the angle is between 8° and 12°.

1 11. (previously presented) The cutting-tool assembly
2 defined in claim 6 wherein the groove axis extends at the small
3 acute angle to the seat floor, and the groove surface is generally
4 cylindrical and centered on the groove axis.

1 12.—(previously presented) The cutting-tool assembly
2 defined in claim 11 wherein the seat floor is flat and the wedge
3 has a flat face riding on the seat floor.

1 13. (previously presented) The cutting-tool assembly
2 defined in claim 6, further comprising
3 a retaining body and
4 means for pressing the retaining body against the
5 cartridge and thereby locking the cartridge against displacement in
6 the seat.

1 14. (currently amended) ~~The cutting-tool assembly~~
2 ~~defined in claim 13 wherein the body is~~ A cutting-tool assembly
3 comprising:

4 a rotatable tool holder formed with an outwardly open
5 seat having an outwardly directed floor;

6 a cartridge engaged in the seat, carrying a cutting
7 insert, and formed with an inwardly open groove defining a groove
8 axis and having a surface confronting and extending at a small
9 acute angle to the seat floor;

10 an adjustment wedge axially shiftable in the groove,
11 having a formation extending transversely of the axis, and bearing
12 radially outward on the groove surface and radially inward on the
13 seat floor, whereby axial shifting of the adjustment wedge radially
14 shifts the cartridge in the groove; and

15 means including an eccentric pin set in the cartridge and
16 engaging the formation of the adjustment wedge for axially shifting
17 the adjustment wedge in the groove and thereby radially displacing
18 the cartridge in the seat on rotation of the pin;

19 a retaining body centered on and rotatable about an axis
20 generally parallel to the groove axis; and
21 means for pressing the retaining body against the
22 cartridge and thereby locking the cartridge against displacement in
23 the seat.